

FRMD7 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13371a**Specification**

FRMD7 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [Q6ZUT3](#)**FRMD7 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 90167**Other Names**

FERM domain-containing protein 7, FRMD7

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13371a was selected from the N-term region of FRMD7. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FRMD7 Antibody (N-term) Blocking peptide - Protein Information**Name** FRMD7**Function**

Plays a role in neurite development, may be through the activation of the GTPase RAC1. Plays a role in the control of eye movement and gaze stability.

Cellular Location

Cell projection, neuron projection {ECO:0000250|UniProtKB:A2AD83}. Cell projection, growth cone {ECO:0000250|UniProtKB:A2AD83}. Note=In undifferentiated neurons, located in the actin-rich regions of the cell body. In differentiated neurons, located in the actin-rich regions of the cell body and primary neurite processes but is almost absent from secondary extensions arising from the primary neurite. Also found at the actin-rich distal end of growth cones (By similarity). {ECO:0000250|UniProtKB:A2AD83}

Tissue Location

Expressed in liver, kidney, pancreas and at low levels in brain and heart. Expressed in embryonic

brain and developing neural retina.

FRMD7 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

FRMD7 Antibody (N-term) Blocking peptide - Images

FRMD7 Antibody (N-term) Blocking peptide - Background

Mutations in this gene are associated with X-linked congenital nystagmus.

FRMD7 Antibody (N-term) Blocking peptide - References

Fingert, J.H., et al. Ophthalmic Genet. 31(2):77-80(2010) Betts-Henderson, J., et al. Hum. Mol. Genet. 19(2):342-351(2010) He, X., et al. Genet. Test. 12(4):607-613(2008) Thomas, S., et al. Brain 131 (PT 5), 1259-1267 (2008) : Li, N., et al. Mol. Vis. 14, 733-738 (2008) :